index—volume 41

Subject index

Communications
- BBC shows off to the world 82
- Near future for DTTV? 42
- The Net effect, by R. Dettmer 67
- Power from the Web 222
- The superhighway in action – the Cambridge trial, by G. Vincent 119
- Where there's a WILL, by R. Dettmer 145

Computing and control
- Anyhow, anywhere – the rise of distributed processing, by R. Dettmer 17
- A class act, by R. Dettmer 253
- The Colossus of Bletchley Park, by T. Sale 55
- The cost of computer crime, by C. Hook 29
- Digging for gold, by R. Shortland and R. Scarfe 213
- Farnborough Supercomputing Centre 42
- Manchester Centenary Lift Bridge 2
- The Net effect, by R. Dettmer 67
- Pentium Pro 222
- Sainsbury's virtually builds new supermarkets 175

Electronics
- Cascade hands Europe its cards 46
- Fingerprint card 82
- High-density CDs 42
- Microsensations, by J. W. Gardner 185
- Old SAW, new message 220
- The paperless book, by J. M. Bryant 245
- Wafers set to grow 46

Energy and the environment
- Derwent on stream 128
- Energy policy (letters) 204, 236
- FGD at Drax (letters) 28, 75
- Frequency division – the Japanese electricity network, by F. Acker 101
- Fume fatale, by R. Dettmer 84
- Hands off – a modern energy policy, by T. Eggar 138
- Pole position, by A. Pilatowicz 191
- Power struggles – crisis management in the UK electricity industry, by F. Ledger and H. Sallis 21
- Save money on office costs 128
- Serving the public interest, by M. O'Neill 140
- Scottish trials for remote metering 88
- Wind power (letters) 28, 74, 112

Management and education
- The best job in the world – interview with A. Broers by R. Dettmer 181
- The cost of computer crime, by C. Hook 29
- Customer and supplier – is the balance tilting? by J. Kirton (letter) 149, 205
- Don't reinvent the wheel 172
- Exploding myths about reliability and availability 129
- GIS help please (letter) 112
- Hannover Fair 2
- Hannover's crystal ball, by A. Morant 88
- ISO9000 and the very small firm (letter) 28
- A learning experience 176
- Looking for help? 220
- Save money on office costs 128
- The superhighway in action – the Cambridge trial, by G. Vincent 119
- A systems approach to ventures, by A. G. Fairbairn 195
- Systems engineering for better engineering, by J. Parnaby 233
- Tax yourself, by T. A. Nawrocki 228
- Telecom '95 172, 224
- Up-beet use of space 42
- Very-large-scale integration of industry at Birmingham 44

Manufacturing and design
- Customer and supplier – is the balance tilting? by J. Kirton (letter) 149, 205
- Cutting edge of manufacturing 172
- EMC queries (letters) 206
- Firming designs – rapid prototyping, by L. Styger 38
- Fume fatale, by R. Dettmer 84
- GE strives for power in Europe 128
- Managing the previously unmanageable, by S. Aarons 161
- Manufacturers fly the flag for Britain 82
- PLC venture goes live 2
- Productronica 175
- Realistic MTBFs (letter) 75
- Start as you mean to continue, by I. Tiefenbrun (letter) 109, 136
- Wafers set to grow 46

New technology
- AC drives – the final frontier 2
- Batteries to come 87
- Benefits of bonding (letter) 28
- Cold carriers 42
- Explosive process makes better batteries 222
- 'Field' guns – electromagnetic launchers, by D. Haugh (letters) 155, 205, 236
- Leaps in bonds 128
- Microsensations, by J. W. Gardner 185
- Pushy motors, by U. Schaaf 105
- Semiconducting plastics promise 'spaghetti' circuits 130
- Sight for smokey eyes 44
- Surface-penetrating radar 129
- Sweet smell of success 87
- VISLAN – computer-aided surgery, by R. Evans 51

Politics, social impact and history
- The bringers of light 206
- British computers (letter) 112
- Challenge builds path to the future 220
- Chasing wolves – an engineer's view of the Battle of the Atlantic, by P. G. Redgment (letters) 35, 112, 137
- The Colossus of Bletchley Park, by T. Sale (letter) 55, 112
- Computer memories (letters) 136
- Hands off – a modern energy policy, by T. Eggar 138
- An Honourable Member – interview with M. Fabricant by R. Dettmer 62
- Materiel v. personnel (letter) 137
- A new kind of vision 130
- New lamps for old, by B. Bowers 239
- No. 80 (Signals) Wing RAF (letter) 137
- Opportunities out of chaos, by S. Ablameyko 98
- Pole position, by A. Pilatowicz 191
- Power struggles – crisis management in the UK electricity industry, by F. Ledger and H. Sallis (letter) 21, 74
- Remember Unit Control? (letter) 137
- Serving the public interest, by M. O'Neill 140
- The unsung Silent Service (letter) 112
- Energy policy and government, by D.R. Lomer (Crosstalk) 237

The profession
- The best job in the world – interview with A. Broers by R. Dettmer 181
- An Honourable Member – interview with M. Fabricant by R. Dettmer 62
- UK startup for NCOSE 2
- Welcoming a new breed, by J. M. Taylor (letter) 13, 74
- Winning the business – interview with J. D. Rhodes by R. Dettmer 123

Transport and infrastructure
- Driving ambitions 4
- Electric cars fill up on zinc 172
- Frequency division – the Japanese electricity network, by F. Acker 101
- Nottingham Inland Revenue offices 82
- Pole position, by A. Pilatowicz 191
- A systems approach to ventures, by A. G. Fairbairn 195

Author index

Aarons, S.: Managing the previously unmanageable 161
Ablameyko, S.: Opportunities out of chaos 98
Addie, R. W.: British computers (letter) 112
Bauldreay, J.: (letter) 112
Bell, D. A.: FGD at Drax (letter) 28
Bones, E. W.: ISO9000 and the very small firm (letter) 28
Bowers, B.: New lamps for old 239
Bonvini, L. A.: Energy policy (letter) 204
Brettingham, L.: No. 80 (Signals) Wing RAF (letter) 137
Bridgman, A. H. S.: Remember Unit Control? (letter) 137
Broers, A., with Dettmer, R., see Dettmer 181
Bryant, J. M.: Benefits of bonding (letter) 28
Bryant, J. M.: The paperless book 245
Cooper, G. G. J.: 'Field' guns (letter) 205
Coulter, R.: More FGD? (letter) 75
Davies, D. H.: Field guns (letter) 236
Davies, P.: Energy policy (letter) 204
Dettmer, R.: Anyhow, anywhere 17
Dettmer, R.: A class act 253
Dettmer, R.: Fume fatale 84
Dettmer, R.: The Net effect 67
Dettmer, R.: Where there's a WILL 145
Dettmer, R., with Broers, A.: The best job in the world 181
Dettmer, R., with Fabricant, M.: An Honourable Member 62
Dettmer, R., with Rhodes, J. D.: Winning the business 123
Eggar, T.: Hands off – a modern energy policy 138
Evans, R.: VISLAN 51
Fairbairn, A. G.: A systems approach to ventures 195
Fabricant, M., with Dettmer, R., see Dettmer 62
Fulton, D. H.: Computer memories (letter) 136
Gardner, J. W.: Microsensations 185
Gilbert, A. V.: Organisational change (letter) 136
Graham-Clare, P.: Welcoming a new breed (letter) 74
Green, K. H.: Energy policy (letter) 204
Harcombe, T. L.: EMC query (letter) 206
Hare, S.: Computer memories (letter) 136
Hart, R. E.: Realistic MTBFs (letter) 75
Haugh, D.: 'Field' guns – electromagnetic launchers 155
Haywood, G. W.: Windmills of your mind (letter) 74
Hook, C.: The cost of computer crime 29
Hubbard, B. W.: EMC query (letter) 206
Kirton, J.: Customer and supplier – is the balance tilting? 149
Kwan Loo, Y.: Customer and supplier (letter) 205
Lacey, S. A.: 'Field' guns (letter) 205
Lott, G.: The Colossus (letter) 112
Lomer, D. R.: Energy policy and government (Crosstalk) 237
Maxwell-Irving, A. M. T.: Windmills of your mind (letter) 75
Mayes, V.: Windmills of your mind (letter) 28
Metcalf, B.: GIS help please (letter) 112
Morant, A.: Hannover's crystal ball 88
Nawrocki, T. A.: Tax yourself 228
Newall, L. M.: Power struggles (letter) 74
Nicholas, J.: The unsung Silent Service (letter) 112
O'Neill, M.: Serving the public interest 140
Parnaby, J.: Systems engineering for better engineering 233
Pilatowicz, A.: Pole position 191
Redgment, P. G.: Chasing wolves 35
Redgment, P. G.: Materiel v. personnel (letter) 137
Rhodes, J.: Aesthetics of wind power (letter) 112
Rhodes, J. D., with Dettmer, R., see Dettmer 123
Roberts, G.: European report 12, 72, 96, 154, 202, 244
Sale, T.: The Colossus of Bletchley Park 55
Scarfe, R., and Shortland, R., see Shortland 213
Schaaf, U.: Pushy motors 105
Shortland, R., and Scarfe, R.: Digging for gold 213
Smith, D. L. S.: Ode accord (letter) 236
Stevens, D. R.: Energy policy (letter) 236
Styger, L.: Firming designs 38
Swift-Hook, D. T.: Windmills of your mind (letter) 74
Taylor, J. M.: Welcoming a new breed 13
Tiefenbrun, I.: Start as you mean to continue 109
Thompson, P.: Westminster report 11, 60, 94, 143, 200, 232
Thorogood, K. S. V.: Energy policy (letter) 236
Vincent, G.: The superhighway in action 119
Watson, J.: In defence of the CEGB (letter) 204

New products
- Analog Devices SHARC 48
- Airborne Research Associates lightning detector 8
- Arex Supermizer motor controller 190
- ARM Thumb 92
- CADCentre modelling software 190
- Cambridge Materials Selector 8
- Cambridge Consultants XAP processor 134
- Cherwell Scientific ModelMaker 92
- Community Care alarm 8
- Cypress HyperCache chipset 134
- Fiskars network protector 8
- Gamma Electronics built-in UPS 190
- CIRE metal substrate boards 230
- GEC Alsthom distance relay 230
- Glance Information Systems Recording Thermometer 190
- Gould ACQuLab 92
- Gould Datasys DSO 8
- Loughborough Sound Images VilPA 230
- Mathworks Fuzzy Logic Toolbox 48
- MEM Memshield MCB 134
- Micro Linear octal transceiver 134
- National Semiconductor flash EEPROM 92
- Nohau MCS251 toolset 48
- Panasonic servo 92
- Premier PCMCIA SRAM 92
- Rohde & Schwarz DECT tester 8
- Rohde & Schwarz GSM tester 92
- Schaffner interference generator 48
- Sony projection LCDs 48
- Synopsys design tools 48
- Tektronix DSO 230
- TelGuard entryphone 8
- Toshiba DRAM 92
- Toshiba sensorless drive 230
- VRex stereoscopic displays 190

Book reviews
- Bernstein, D. E., Foster, K. R., and Huber, P. W., see Foster 80
- Burgess, M., and Holden, N., see Holden 116
- Cardwell, D.: The Fontana history of technology 79
- Crook, A. W. (Ed.): Profiting from low-grade heat - Watt Committee on Energy Report No. 26 210
- Curtis, T.: Business and marketing for engineers and scientists 80
- Emmeche, C.: The garden in the machine – the emerging science of artificial life 79
- Foster, K. R., Bernstein, D. E., and Huber, P. W.: Phantom risk: scientific inference and the law 80
- Garratt, G. R. M.: The early history of radio – from Faraday to Marconi 117
- Hogbin, G., and Thomas, D. V.: Investing in information technology - managing the decision-making process 116
- Holden, N., and Burgess, M.: Japanese-led companies - understanding how to make them your customers 116
- Huber, P. W., Foster, K. R., and Bernstein, D. E., see Foster 80
- James, F. A. J. L.: The correspondence of Michael Faraday Vol. 2, 1832-1840 79
- Kalawsky, R. S.: The science of virtual reality and virtual environments 210
- Ledger, F., and Sallis, H.: Crisis management in the power industry – an inside story 210
- O'Connor, D. T. P.: The practice of engineering management - a new approach 34
- Sallis, H., and Ledger, F., see Ledger 210
- Sinclair, I.: Birth of the box - the story of television 211
- Sloane, N. J. A. and Wyner, A. D. (Eds): Claude Elwood Shannon: collected papers 34
- Stephen, D.: Independent generation of electric power 116
- Thomas, D. V., and Hogbin, G., see Hogbin 116
- Wyner, A. D., and Sloane, N. J. A., see Sloane 34